

EnviroTone™ Plus

High Performance Toned Glass

solos  glass
see the possibilities

EnviroTone™ Plus Tinted Float

Glass Product	Normal Thickness	Trans.	Visible Light		UV Refl.	UV Trans.	U-value W/m2-C	SHGC	Shading Co.
			Refl. Out	Trans.					
EnviroTone™ Plus									
Grey	6	9	4	8	4	1	5.8	0.35	0.41
Green	6	65	8	33	6	13	5.7	0.51	0.58
Blue	6	53	6	33	5	23	5.8	0.52	0.60
Dark Grey	5	20	5	39	5	40	5.8	0.57	0.65



*All four glasses offer excellent performance when glazed as part of a [KlymetControl™](#) IGU in combination with a [KlymetShield™](#) Low E glass. See the [SOLOS Glass Performance Guide](#) for further information.

Coated Glass Products

Whilst EnviroTone™ and EnviroTone™ Plus provide excellent and cost effective solar control benefits, glazed either monolithically or as part of an IGU, their performance boundaries are often set by their reliance on the different tones inherent within the respective product to control the amount of light and heat transmitted into the building.

Where higher levels of solar radiation control performance are required from the glass, different types of coated glass can be used to both reflect and absorb higher levels of solar radiation as well as providing an improved balance between the desired aesthetics and the cost effective energy management of a building.

Increasingly however, the demands placed on both the glass and the overall window installation to improve overall energy efficiency has driven increased use of Low Emissivity (Low E) coated glass.

The development and increased use of Low E glass technology in both commercial and residential windows and doors, especially when incorporated with other glass types within an Insulated Glass Unit (IGU), has improved the glass' overall ability to filter the levels of visible light and heat entering (VLT & SHGC) through the glazing as well as helping to manage the amount of heat escaping (U value) from the building to the outside.

See the [SOLOS Glass Performance Guide](#) for further information.

There are both similarities and significant differences between the way that coated glass is manufactured depending on both the type of coated glass and the performance characteristics required.

Each type of coating is distinctly different and the methods of applying the coatings equally so. The resultant coated glass types each have different properties, benefits and levels of performance criteria as well as differing in the way that they can be processed and subsequently fabricated.

Coated glass can be manufactured by two distinctly different methods:

- 'Pyrolytic' or on-line (hard) coated products
- 'Sputtered' or off-line (soft) coated products.